



(1) EC-TYPE-EXAMINATION CERTIFICATE (Translation)

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres - **Directive 94/9/EC**

(3) EC-type-examination Certificate Number:

PTB 07 ATEX 1009



(4) Equipment: Repair light, type 6149/.

(5) Manufacturer: R. STAHL Schaltgeräte GmbH

(6) Address: Am Bahnhof 30, 74638 Waldenburg, Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) The Physikalisch-Technische Bundesanstalt, notified body No. 0102 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report PTB Ex 07-16194.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2004

EN 60079-1:2004

EN 61241-0:2006

EN 61241-1:2004

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-type-examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

(12) The marking of the equipment shall include the following:

II 2 G Ex d IIC T4

II 2 D Ex tD A21 IP6x T 105 °C to 120 °C

Zertifizierungsstelle Explosionschutz
By order:

Dr.-Ing. M. Thedel
Oberregierungsrat



Braunschweig, April 27, 2007

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SCHEDULE

(13)

(14) **EC-TYPE-EXAMINATION CERTIFICATE PTB 07 ATEX 1009**

(15) Description of equipment

The repair light, designed as an inspection lamp, is a mobile / portable electrical device. The translucent PC tube is delimited at one end by a cap and at the other by a handle made from aluminium. The threaded joint between PC tube and handle, and between PC tube and cap is glued to form a permanent connection. The handle consists of two parts which are screwed together with a flameproof thread. Both the end caps and the handle are protected by mounted rubber caps.

The device is designed to Flameproof Enclosure "d" type of protection for the gas area and Protection by Enclosure "tD" for the dust area.

Electric energy is fed into the unit through a separately certified cable entry.

Technical data:

Type	6149/1-2-... (4 lamps)		
Rated voltage	12 V AC	24 V AC	110 V – 230 V AC
Temperature class	T4	T4	T4
Max. surface temperature	T 105 °C	T 105 °C	T 120 °C
Ambient temperature	-20 °C to +40 °C		

Type	6149/1-1-... (2 lamps)				
Rated voltage	12 V DC	24 V DC	12 V AC	24 V AC	110 V – 230 V AC
Temperature class	T4		T4		T4
Max. surface temperature	T 115 °C		T 105 °C		T 110 °C
Ambient temperature	-20 °C to +50 °C				

(16) Test report PTB Ex 07-16194

(17) Special conditions for safe use

None;

Additional notes for safe operation:

A moist cloth has to be used to clean the lamp. It must carry a warning note to this effect.

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(18) Essential health and safety requirements

Met by compliance with the afore-mentioned Standards.

Zertifizierungsstelle Explosionsschutz

Braunschweig, April 27, 2007

By order:

Dr.-Ing.

Oberregierungsrat



EG-Konformitätserklärung
EC-Declaration of Conformity
Déclaration de Conformité CE



Wir (we; nous)

R. STAHL Schaltgeräte GmbH, Am Bahnhof 30, 74638 Waldenburg, Germany

6149/..-

erklären in alleiniger Verantwortung, dass das Produkt
hereby declare in our sole responsibility, that the product
déclarons, sous notre seule responsabilité, que le produit

Inspektionsleuchte
Inspection light
Baladeuse

mit der EG-Baumusterprüfbescheinigung:
(under; EC-Type Examination Certificate:
avec) Attestation d'examen CE de type:

PTB 07 ATEX 1009

auf das sich diese Erklärung bezieht, mit den folgenden Normen oder normativen Dokumenten übereinstimmt

which is the subject of this declaration, is in conformity with the following standards or normative documents

auquel cette déclaration se rapporte, est conforme aux normes ou aux documents normatifs suivants

Bestimmungen der Richtlinie
terms of the directive
prescriptions de la directive

Nummer sowie Ausgabedatum der Norm
Number and date of issue of the standard
Numéro ainsi que date d'émission de la norme

94/9/EG: ATEX-Richtlinie
94/9/EC: ATEX Directive
94/9/CE: Directive ATEX

EN 60079-0:2004
 EN 60079-1:2004
 EN 61241-0:2006
 EN 61241-1:2004
 DIN EN 60598-1:2005
 DIN EN 60598-2-8:2001

2004/108/EG: EMV-Richtlinie
2004/108/EC: EMC Directive
2004/108/CE: Directive CEM

DIN EN 55015:2003
 DIN EN 61547:2001

Qualitätssicherung Produktion:
Production Quality Assessment:
Assurance Qualité Production:

PTB 96 ATEX Q006-6

Kenn-Nr. der benannten Stelle / Notified Body number / N° de l'organisme de certification: 0102

Waldenburg, 13. Feb. 2009

i.V.

i.V.

Ort und Datum
Place and date
Lieu et date

B. Limbacher
Leiter Entwicklung
Head of Development
Directeur Développement

Dr. S. Jung
Leiter Qualitätsmanagement
Director Quality Management Dept.
Directeur Dept. Assurance de Qualité